2/15²⁰⁰⁵
PTO/SB/21 (09-04)Approved for use through 07/31/2006. OMB 0651-0031
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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission

Application Number	09/976,395
Filing Date	October 12, 2001
First Named Inventor	Austin H. Lesea
Art Unit	2115
Examiner Name	Mark A. Connolly
Attorney Docket Number	X-742 US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	XILINX, INC. CUSTOMER NO: 24309		
Signature			
Printed name	Lois D. Cartier		
Date	July 19, 2005	Reg. No.	40,941

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

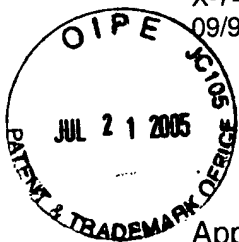
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X-742 US
09/976,395

PATENT
Conf. No.: 2798



IN THE UNITED STATES PATENT OFFICE

Applicants: Austin H. Lesea et al.

Assignee: Xilinx, Inc.

Title: "PROGRAMMABLE BATTERY TYPE CONTROLLER IN A
PROGRAMMABLE LOGIC DEVICE"

Serial No.: 09/976,395

File Date: 10/12/2001

Examiner: Mark A. Connolly

Art Unit: 2115

Docket No.: X-742 US

Conf. No.: 2798

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RESPONSE TO THE SECOND OFFICE ACTION

Dear Sir:

In response to the second Office Action mailed from the Patent Office on May 18, 2005, please reconsider allowance of the claims in view of the Amendments and Remarks below.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 8 of this paper.